

APPLICATION

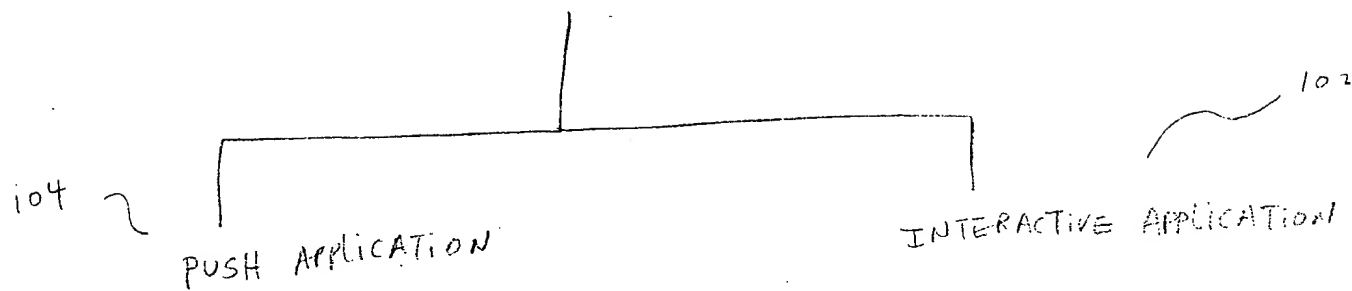


FIG. 1

00303050 25030300

175
modifying the application ~ 177

↓
an appliance-specific output ~ 179

↓
modifying the appliance specific output ~ 181



↓
adapted output ~ 183

↓
decoding the adapted output ~ 185

↓
modified version of the ~ 187
application

FIG. 3.

660E7D 290E00E60

Applications  Appliances 	Browsing the Web	Email	Document Browsing and Editing	E-Commerce	Searching on the Internet
Television	DocTV, InternetTV	EmailTV, DocTV	DocTV	DocTV, FormTV	DocTV, FormTV
Limited display PDA	DocPDA, InternetPDA	EmailPDA, DocPDA	DocPDA	DocPDA, FormPDA	DocPDA, FormPDA
Portable Reader	DocPDR, InternetPDR	EmailPDR, DocPDR	DocPDR	DocPDR, FormPDR	DocPDR, FormPDR
Standard Phone	DocPhone, InternetPhone	EmailPhone, DocPhone	DocPhone	DocPhone, FormPhone	DocPhone, FormPhone
Phone with display	DocSPhone, InternetSPhone	EmailSPhone, DocSPhone	DocSPhone	DocSPhone, FormSPhone	DocSPhone, FormSPhone

200

202

204

206

FIG. 3

multimode Compressor ~ 250

adaptive packetizer ~ 252

Fig. 5

09303062 043099

00306602990E60

Characteristics → Transmission ↓	Bandwidth	Error Rate	Latency
LAN – Category 5	High	Low	Medium
IEEE 1394	Very High	Low	Low
Universal Serial Bus	High	Low	Low
Phone line (DSL)	High	Low	Medium
Power line (Analog)	Low	High	Low
Power line (Digital)	Low to Medium	Medium	Medium
Wireless (Analog 900 MHz)	Low	High	Low
Wireless (Digital 900 MHz)	Low	Medium	Medium
Wireless (Analog 2.4 GHz)	Medium	Medium	Low
Wireless (Digital 2.4 GHz)	Medium	Low	Medium
Wireless (Low Bandwidth Digital)	Low	Medium	Medium

300

362

304

FIG. 5

09303050 290E0560

Input Type → Compute Power ↓	Text	Graphics	Natural Image	Audio	Video
Low	RLE	RLE	HVQ	ADPCM	HVQCR
Medium	LZ	LZ	JPEG	MPEG1-Audio	MPEG1
High	LZ	LZ	JPEG	MPEG2-Audio	MPEG2/H.263

Fig. 7

Input Type → Channel ↓	Text	Graphics	Natural Image	Audio	Video
Lower Latency	TCP/UDP	TCP/UDP	TCP/UDP	RTP	RTP
Higher Latency	UDP	UDP	UDP	RTP	RTP

FIG. 8A

Input Type → Channel ↓	Text	Graphics	Natural Image	Audio	Video
Lower Latency	TCP	TCP	TCP	RTP	RTP
Higher Latency	TCP	TCP	TCP	RTP	RTP

FIG. 8B

09303063 043060

Web Browsing Application 400

TV ~ 402

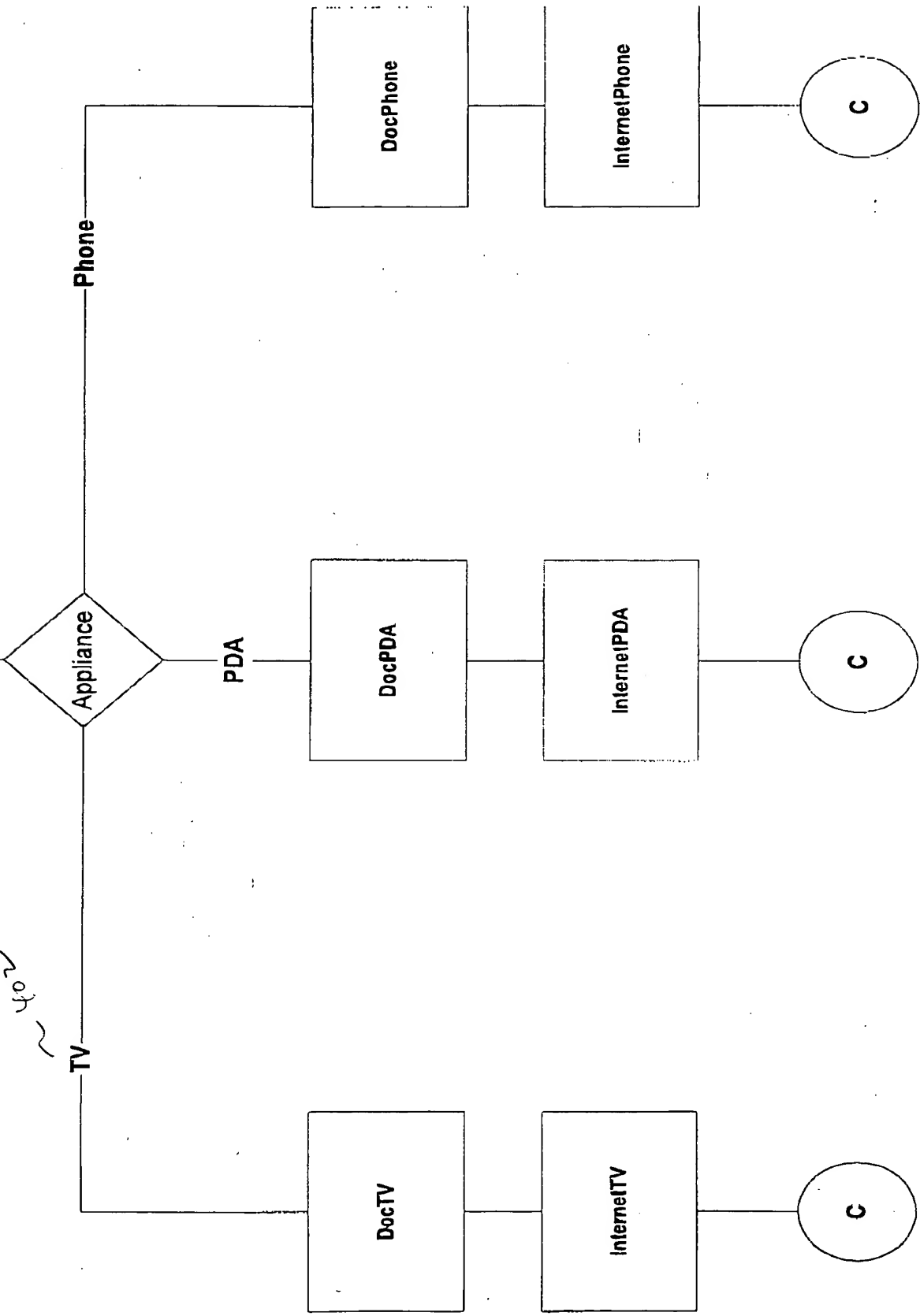


Fig. 9A

Output of Transceiver
404
408
410
412

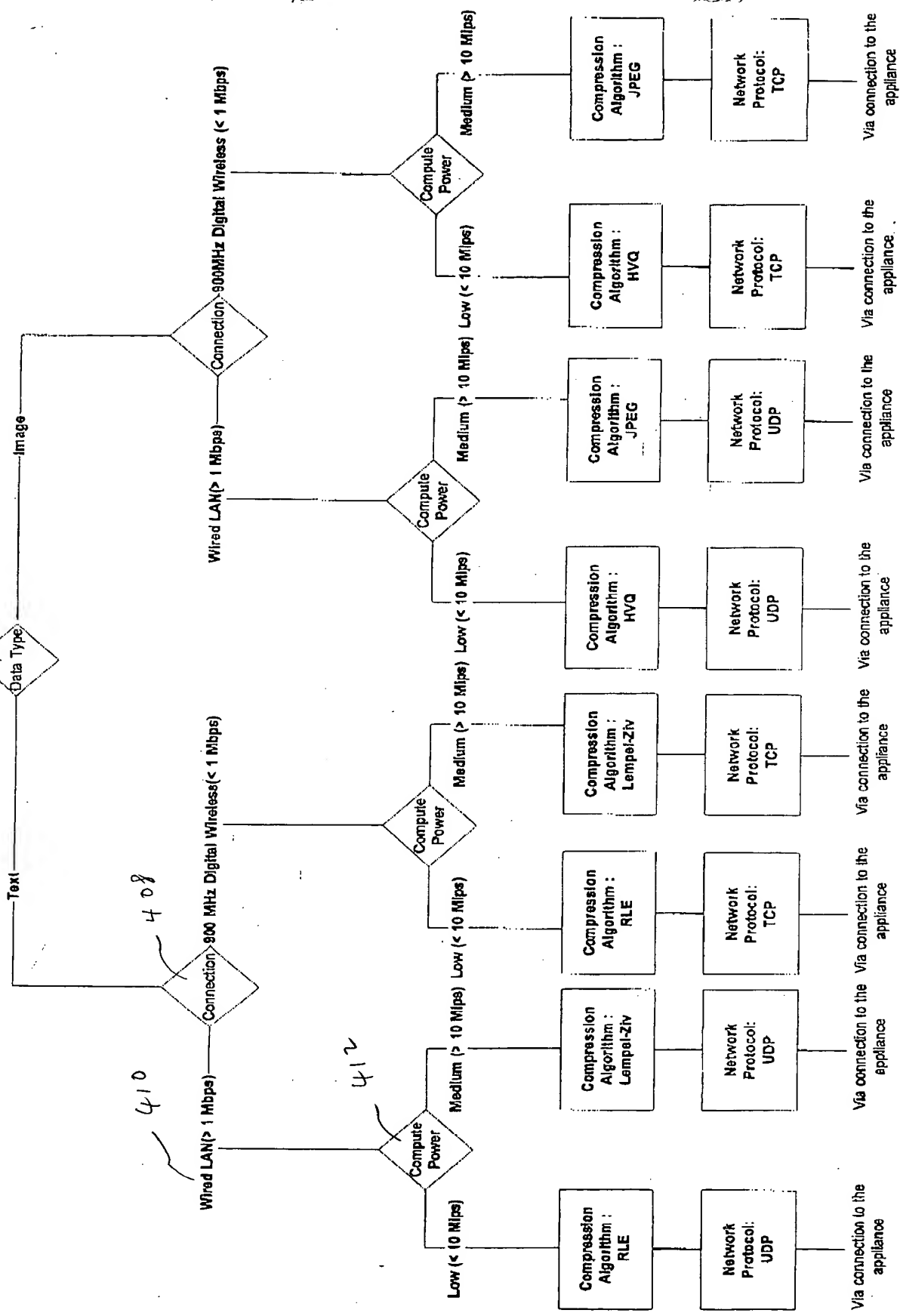


Fig. 9B